ACTIVE DEBUGGING ENVIRONMENT FOR APPLICATIONS CONTAINING COMPILED AND INTERPRETED PROGRAMMING LANGUAGE CODE

Abstract

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An active debugging environment for debugging a virtual application that contains program language code from multiple compiled and/or interpreted programming languages. The active debugging environment is language neutral and host neutral, where the host is a standard content centric script host with

10   language engines for each of the multiple compiled and/or interpreted programming languages represented in the virtual application. The active debugging environment user interface can be of any debug tool interface design. The language neutral and host neutral active debugging environment is facilitated by a process debug manager that catalogs and manages application

15   specific components, and a machine debug manager that catalogs and manages the various applications that comprise a virtual application being run by the script host. The process debug manager and the machine debug manager act as an interface between the language engine specific programming language details and the debug user interface.